

TUROVICH, Ye.A., assistant

Inclusion of the duodenum in the act of digestion following
stomach resection. Zdrav. Bel. 9 no. 7:72-73 (MIRA 1984)

1. Iz kafedry gosital'noy khirurgii (rav. -- prof. I.E.
Oleshkevich) Vitebskogo meditsinskogo instituta.

TUROVICH, Ye.A., ordinator

Isolated fracture of the sternum. Zdrav.Belor. 4 no.3:58 Mr
'58. (MIRA 13:7)

1. Iz kafedry fakul'tetskoy khirurgii (zaveduyushchiy - professor
L.D. Zaslavskiy) Vitebskogo meditsinskogo instituta.
(STERNUM--FRACTURE)

TUROVICH, Ye.I.

Oxygen therapy for scleroma. Zhur. ush., nos. i gorl. bol. 23
no.5:47-54 S-0'63 (MIRA 17:3)

1. Iz kafedry otorinolaringologii (zav. - dotsent A.A. Kantor)
Ternopol'skogo meditsinskogo instituta.

RYBACHUK, I.A.; TUROVICH, Ye.I.

Condition of the cardiovascular system in patients with scleroma.
(MLBA 9:7)
Vrach.delo no.2:201-202 F '56.

1. Kafedra gosptal'noy terapii (zaveduyushchiy dotsent B.I.Lidskiy)
i kafedra bolezney ukha, gorla i nosa (zaveduyushchiy professor
V.P.Yaroslavskiy) Vinnitskogo meditsinskogo instituta
(CARDIOVASCULAR SYSTEM) (RHINOSCLEROMA)

TUROVICH, Ye.I.

Method of arresting hemorrhage following surgery on the palatal
tonsils. Zhur. ush., nos. i gorl. bol. 21 no.3:64-65 My-Je '61.
(MIRA 14:6)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - dotsent A.A.
Kantor) Ternopol'skogo meditsinskogo instituta.
(TONSILS—SURGERY) (HEMORRHAGE)

USSR / Human and Animal Physiology. Growth Physiology. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40893.

Author : ~~Turovskaya A.~~

Inst : Academy of Pediatric Sciences, RSFSR.

Title : On the Character of the Sucking Movements in the Newborn.

Orig Pub: Dokl. Akad. ped. nauk RSFSR, 1957, No 2, 105-107.

Abstract: The unconditional sucking reflex was investigated in 30 newborn at the age from birth to 9 days. Definitive formation of the more simple sucking motions took place after birth and a great role in this process is played by disorderly motile reactions of the tongue and lips. It is due to these

Card 1/2

USSR / Human and Animal Physiology. Growth Physiology. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40893.

Abstract: reactions that contact is established with the
stimulant and that sanctioning afferent impulses
reach the C.N.S. -- M. I. Lisina.

Card 2/2

5

TUROVSKAYA, A. M.

Terent'ev, A. P., Kazitsyna, L. A., & Turovskaya, A. M. - "Sulphonation and sulphonic acids of acidophobic compounds. X. Sulphonation of -acetyl furan." (p. 185)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1950, Vol. 20, No. 1

TUROVSKAYA, A. M.

Terent'yev, A.P., Kazitsyna, L. A. and Turovskaya, A. M. "The sulfonation of -acet,lfuran",
Vestnik Mosk. un-ta, 1948, No. 10, p. 159-60.

SC: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

TUROVSKAYA, A. M.
A. P. TEREITYEV, ZhOKh, 1950, 20, 173-176

TUROVSKAYA, A. M.
A. P. TERENTEV, VESTNIK MOSKOV. UNIV. 3, 159-60, 1948

GOL'DSHTAYN, M.N.; TUROVSKAYA, A.Ya.; SHADUNTS, K.Sh.

Drainage of cohesive sliding soils. Vop. geotekh. no.6:
190-210 '63. (MIPA 17:9)

^{Y₄}
TUROVSKAYA, A. YA., Cand Tech Sci -- (diss) "Geotechnical properties
of primary loessins." Dnepropetrovsk, 1959. 24 pp with ill. (Min
of Railways USSR. Dnepropetrovsk Inst of Engineers of Railroad
Transport). 100 copies (KL,37-59, 109)

53

GOL'DSHTEYN, M. N.; TUROVSKAYA, A. Ya.; LAPIDUS, L. S.

Investigation of mudflows. Vop geotekh no. 5:3-23 '62.
(MIRA 17:5)

LEVINA, A.; TUROVSKAYA, B.

Pay day. Rabotnitsa. 40 no.6:27-28 Je '62.
(Podol'sk--Alcoholism)

(MIRA 16:3)

TUROVSKAYA, F.M. (Moskva)

Precautionary measures in laboratory exercises involving mercury.
Fiz. v shkole 16 no.2:44-46 Mr-Apr '56. (MLEA 9:6)

1. Zasluzhennyy vrach RSFSR; 2. Sanitarno-epidemiologicheskaya
stantsiya.
(Physics--Experiments) (Mercury)

VESHENEVSKIY, S.N.; VORONETSKIY, B.B.; GUS'KOV, P.S.; KLIMOV, D.Yu.;
MASLENNIKOV, L.V.; PASHKOV, M.V.; PETROV, I.I.; SOKOLOV, I.I.;
STEPANOV, Yu.V.; TUROVSKAYA, P.G.; KHECHUMAN, A.P.; TSEIN, V.S.;
SHTEYN, I.M.

Prfessor Konstantin Vasil'evich Urnov, 1907-1964; obituary.
Elektrichestvo no.3:97. Mr '65. (MIRA 18:6)

TUROVSKAYA-MIKHAYLOVA, E.A.

Functional changes in the visual analyzer in some neural and psychic diseases. Uch. zap. LGU no.222:211-226 '57. (MLBA 16:2)

1. Psikhonevrologicheskiy institut imeni V.M. Bekhtereva.
(NERVOUS SYSTEM--DISEASES) (SIGHT)

MINKH, A.A., prof.; TUROVSKAYA, F.M., zasluzhennyy vrach RSFSR

Hygienic significance of the physical education of schoolchildren
and future of its development. Vest. AMN SSSR 14 no.12:17-24 '59.

(MIRA 13:4)

1. Moskovskiy meditsinskiy stomatologicheskii institut i Moskovskaya
gorodskaya sanitarno-epidemiologicheskaya stantsiya. 2. Chlen-korre -
spondent AMN SSSR (for Minkh).

(STUDENTS)

(PHYSICAL EDUCATION AND TRAINING)

TUROVSKAYA, F.M., zasluzhennyi vrach RSFSR.

Air hygiene in physics laboratories in schools. Gig. i san. 21 no.1:
53-54 Ja. '56. (MLRA 9:5)

1. Iz Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(SCHOOLS,
physics rooms, air hygiene)
(AIR,
air hygiene in physics rooms in schools)

TUROVSKAYA, F.M., zaslužhennyy vrach RSFSR; NUSEBAUM, D.G., kand.med.nauk

Physical development of school children in Moscow; data of
medical surveys made during the 1952-53 school year. Gig.
i san. 24 no.3:52-62 Mr '59. (MIRA 12:5)

1. Iz Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(BODY WEIGHT, in inf. & child,
school child., Russian statist. (Rus))
(BODY HEIGHT, in inf. & child,
same)

TUROVSKAYA, E. M., ANTONOV, V. I., GORODENKO, T. I., LUTCH, A. I.,
STERNINA, A. F., ASOVA, V. I., SALATIKOVA, S. E., KALE, I. V.,
DENISOVA, G. E., ABDOULOV, Y. I., TATYAN, I. I., KOSOV, A. I.,
VISHCHENKO, B. B., KAPOVA, G. A., SILEV, Y. I.

"Hygienic characteristics of the day regimen of Moscow school
children."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

PLAKHOSHAYA, T. M., YAKOVLEV, YE. P.

"Physical development and state of health of Moscow school children."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

BOL'SHAKOVA, M.D., dotsent; TUROVSKAYA, F.M., zasluzhennyy vrach RSFSR

Symposium on schpol hygiene in Warsaw. Gig. i san. no. 10:83-88
0 '60. (MIRA 13:12)

(SCHOOL HYGIENE-CONGRESSES)

TUROVSKAYA, F.M.

TUROVSKAYA, F.M., zasluzhennyy vrach RSFSR.

Let's give full consideration to sanitary and hygienic requirements
in the designs for standard schools. Gor.khoz.Mosk. 25 no.6:18-20
Je '51. (MIRA 10:9)

(Schoolhouses)

TUROVSKAYA, F.M.; MINKH, A.A.

Influence of chronic diseases on the level of physical development
in children and health-promoting measures in school. Vest. AMN SSSR
16 no.7:50-55 '61. (MIRA 14:7)

1. Moskovskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya
i Moskovskiy meditsinskiy stomatologicheskii institut.
(CHILDREN--DISEASES) (CHILDREN--GROWTH)

KHELIMSKIY, M.A., prof.; TUROVSKAYA, K.I.

Unusual observation of aplasia of the lung in surgery related
to congenital diaphragmatic hernia. Sov.med. 23 no.6:131-133
Je '59. (MIRA 12:9)

1. Iz kliniki gosspital'noy khirurgii (zav. - prof.M.A.
Khelimskiy) Khabarovskogo meditsinskogo instituta (dir. -
dotsent S.K.Nechepayev).

(HERNIA, DIAPHRAGMATIC compl.)
(LUNG abnorm.)

TUROVSKAYA, L.A., inzh.; SAVICH, V.S., inzh.

Preventing scale formation in turbine condensers. Energetik 5 no.10:
10-11 0 '57. (MIRA 10:12)

(Turbines)

TERPIGOREV, A.M.; TUROVSKAYA, P.G.; FAYBISOVICH, I.L., otv.red.;
MIROSHNICHENKO, V.D., red.izd-va; CHANTSEVA, G.M., tekhn.red.

[Electricity under the earth] Elektrichestvo pod zemlei. Moskva,
Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1959. 97 p.
(MIRA 12:12)

(Electricity in mining)

TURCHENKAYA, P. G. Card. Tech. Sci.

Dissertation: "Development and Analysis of the Switching Devices for Luminescent Lamps."
Moscow Order of Lenin Power Engineering Inst from V. M. Molotov, 20 Jan 47.

SC: Vechernyaya Moskva, Jun, 1947 (Project #17836)

TUROVSKAYA, Polina Grigoryevna; MAYZEL', S.O., prof., redaktor; ASHKE-
MAZI, G.I., redaktor; SKVORTSOV, I.M., tekhnicheskii redaktor

[Electric light] Elektricheskii svet. Pod red. S.O. Maizelia.
Moskva, Gos. energ. izd-vo, 1955. 123 p. (MLRA 8:8)
(Electric lighting)

L 10998-66

ACC NR: AP6001979

SOURCE CODE: UR/0105/65/000/003/0091/0091

AUTHOR: Veshenevskiy, S. N.; Voronetskiy, B. B.; Gus'kov, P. S.; Klimov, D. Yu.;
Maslennikov, L. V.; Pashkov, M. V.; Petrov, I. I.; Sokolov, I. I.; Stepanov, Yu. V.;
Turovskaya, P. G.; Khechumyan, A. P.; Tsein, V. S.; Shteyn, I. M.

ORG: none

TITLE: Professor K. V. Urnov

SOURCE: Elektrichestvo, no. 3, 1965, 91

TOPIC TAGS: scientific personnel, academic personnel

ABSTRACT: Konstantin Vasilevich Urnov died on 11 December 1964 after a serious illness. He was a distinguished scientist and one of the oldest electro-polygraphists. He was born in 1907 and graduated from the Ivanovskiy Polytechnic Institute in 1929, after which he continued to work on the Board of Electric Installations for the next 25 years. His outstanding contribution was to relate successfully the activities of industry with those of the higher educational institutions. His name is closely linked to the development of domestic polygraphic machinery. He was imaginative, creative and bold. Since 1935 he was also engaged in teaching and scientific research work at the Moscow Power Institute and the Moscow Polygraphic Institute where he set up a course on "Electric Drives and Automation of Polygraphic Machines". He is the author of over 30 inventions and published works, including one book. He was a scientist-communist, a man of great knowledge, a good colleague and friend. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 05 / SUBM DATE: none

UDC: 621.313.1/3

Card 1/1

TUROVSKAYA, R. I.

PA 19T72

USSR/Radio Transmitters
Radio waves (HF)

Jun 1946

"Medium Powered Short Wave Transmitter," G. M. Ostap-
kovich, R. I. Turovskaya, 4 pp

"Vestnik Svyazi - Elektro Svyaz'" No 6 (75)

It was necessary to construct a new medium powered
transmitter for use on trunk line communications.
The new transmitter is a radical departure from the
conventional pattern not only in outward appearance,
assembly and construction details, but also in a
substantial revision of its schematic elements. Well
illustrated.

19T72

BYKHOVSKIY, D.N.; PETROVA, I.K.; TUROVSKAYA, T.Z.

New variety of anomalous mixed crystals. Dokl. AN SSSR 161 no.1:
143-146 Mr '65. (MIRA 18:3)

1. Submitted September 16, 1964.

PETROV, V. I.; TUROVSKAYA, Ye. B.; OBRAZTSOVA, M. Ye. (Dnepropetrovsk)

Possibility of mercury contamination of physics laboratories in
high schools. Gig. truda i prof. zab. no.2:58 '62.
(MIRA 15:2)

1. Gorodskaya i rayonnaya sanitarno-epidemiologicheskiye stantsii.

(MERCURY—TOXICOLOGY) (SCHOOL HYGIENE)

SOV/5-58-4-32/43

AUTHORS: Tikhomirov, S.V., Turovskaya, Ye.S. and Tanasevich, I.N.

TITLE: The History of the Development of the Southern Part of the Kaluga Elevation of the Pletenevka Dome (K istorii razvitiya yuzhnoy chasti Kaluzhskogo podnyatiya Pletenevskogo kupola)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody, Otdel geologicheskii, 1958, Nr 4, pp 157-158 (USSR)

ABSTRACT: This is a summary of a report given by the author at a conference of the Moscow Society of Naturalists on 23 May 1958. Research on the Pletenevka dome of the Kaluga elevation led to the distinction of the following stages of intensive dislocations forming the Pletenevka dome: 1) the Late Rhipaean or early Mesodevonian stage; 2) the Middle Devonian stage before the deposition of the Kaluga (lower Tartu, layers; 3) the Upper Devonian stage before the deposition of the Staritsa strata.

1. Geology 2. Geological time--Determination

Card 1/1

TIKHOMIROV, S.V.; TUROVSKAYA, Ye.S.; TANASEVICH, I.N.

History of the development of the Pletenevka dome in the southern
part of the Kaluga upheaval. Biul. MOIP. Otd.geol. 33 no.4:
157-158 J1-Ag '58. (MIRA 11:11)
(Pletenevka region (Kaluga Province)--Geology, Structural)

TUROVSKAYA, Z.G.

Nature of typological differences in the aftereffect phenomena of nervous processes. Vop. psikhol no.3:33-46 My-Je'64.

1. Institut psikhologii Akademii pedagogicheskikh nauk RSFSR, Moskva. (MIRA 17:2)

TUROVSKIY, A. I.

57

PHASE I BOOK EXPLOITATION SOV/5460

Leningradskiy metallicheskiy zavod. Otdel tekhnicheskoy informatsii.

Nekotoryye voprosy tekhnologii proizvodstva turbin (Certain Problems in the Manufacture of Turbines) Moscow, Mashgiz, 1960. 398 p. (Series: Its: Trudy, vyp. 7) Errata slip inserted. 2,100 copies printed.

Sponsoring Agency: RSFSR. Sovet narodnogo khozyaystva Leningradskogo ekonomicheskogo administrativnogo rayona, Upravleniye tyazhelogo mashinostroyeniya, and Leningradskiy dvazhdy ordena Lenina metallicheskiy zavod. Otdel tekhnicheskoy informatsii.

Ed. (Title page): G. A. Drobilko; Editorial Board: Resp. Ed.: G. A. Drobilko, B. A. Glebov, A. M. Mayzel, and M. Kh. Kornik; Tech. Ed.: A. I. Kontorovich; Managing Ed. for Literature on Machine-Building Technology: Ye. P. Naumov, Engineer, Leningrad Department, Mashgiz.

PURPOSE: This collection of articles is intended for technical personnel in turbine plants, institutes, planning organizations, as well as for production innovators.

Card-1/12

Certain Problems (Cont.)

SOV/5460

COVERAGE: The experience of the LMZ (Leningradskiy metallicheskiy zavod - Leningrad Metalworking Plant) in the manufacture of modern large-capacity turbines is presented. Methods for the rationalization of basic manufacturing processes and for the mechanization and automation of manual operations are given. Descriptions of attachments and tools designed by LMZ for improving labor productivity and product quality are provided, and advanced inspection methods discussed. References accompany some articles. No personalities are mentioned. There are 26 references: 25 Soviet and 1 English.

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I. NEW PROCESSING METHODS IN MACHINING
AND ASSEMBLY

Ganze, Z. M. [Engineer]. The Organization, Methods, and Trends in Efforts for Improving the Easy Manufacturability of Designs for Large Hydraulic Turbines
Card 2/12

5

Certain Problems (Cont.)

SOV/5460

Gonserovskaya, T. S. [Engineer]. The Welding of Turbine-Wheel Blade Packs and Nozzle Segments Made of Type 15Kh11MF Steel	254
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TUROVSKIY, A.I.

Utilizing waste-gas heat for metal preheating. Inform.tekh.sbor.
no.1:19-21 '54. (MIRA 9:7)

1. Leningradskiy metallichskiy zavod imeni Stalina.
(Metallurgical furnaces)^e

TUROVSKIY, A. P.

TUROVSKIY, A. P. -- "Investigation of Bubbling Steam-Scrubbing Equipment on Air-Water and Steam Stands." Min Heavy Machine Building USSR. Central Boiler and Turbine Inst imeni I. I. Polzunov (TsKTI). Leningrad, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SOURCE Knizhnaya Letopis' No 6 1956

KASPIN, L.A.; LAKARENKO, V.I.; KHARITONOV, G.A.; TUROVSKIY, B., redaktor;
GARSHANOV, A., redaktor.

[Technical and economic characteristics of few-storied dwellings]
Tekhniko-ekonomicheskie kharakteristiki maloetazhnykh zhilykh domov.
Kiev, Izd-vo Akademii arkhitektury Ukr. SSR, 1952. 142 p. (MLRA 7:1)
(Dwellings)

COMMON ELEMENTS										PROCESSES AND PROPERTIES INDEX									
16 Standardization of Refractory Materials. B. G. Tyrovskiy (<i>Vestn. Standartizatsii</i> (Standardization Herald), 1987, (7), 22-23).—[in Russian].—N. A.																			
ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION										13000 NOMIN									
13000 NOMIN										13000 NOMIN									
13000 NOMIN										13000 NOMIN									

CHAPLITSKIY, Vladimir Konstantinovich,; TUROVSKIY, B., red.; NENCHENKO,
I., tekhn. red.

[Rural construction in the Hungarian People's Republic] Iz ooyta
sel'skogo stroitel'stva v Vengerskoi Narodnoi Respublike. Kiev,
Gos. izd-vo lit-ry po stroit. i arkhitekt. USSR, 1957. 46 p.

(MIRA 11:11)

(Hungary--Farm buildings)

DRANISHNIKOV, P.I.; MINTSKOVSKIY, M.SH.; VAYNBERG, D.V., doktor tekhnicheskikh nauk, redaktor; TUROVSKIY, B., redaktor; GARSHANOV, A.,
tekhnicheskii redaktor

[Constructing buildings over mines; with V-shaped foundations]
Stroitel'stvo zdani nad gornymi vyrabotkami; na klinovidnykh
fundamentakh. Pod red. D.V.Vainberga. Kiev, Izd-vo Akademii
arkhitektury USSR, 1952. 132 p. (MLRA 9:8)
(Building) (Foundations)

ARCHITECTURE
NICHIPORENKO, S.P., laureat Stalinskei premii, kandidat tekhnicheskikh nauk, redaktor; TIROVSKIY, B., redaktor; ZELENKOVA, Ye., tekhnicheskiiy redaktor.

[Production of building materials] Proizvodstvo stroitel'nykh materialov. Kiev, Gos.izd-vo lit-ry po stroit. i arkhitekture USSR, 1955. 109 p. (MLRA 9:6)

1. Akademiya arkhitektury URSR, Kiev.
(Building materials)

GTRSP L Vol. 5-No. 1 Jan. 1952

Lipovskii, G. Ya. and Vainshtein, F.M. (L.V. Pisarzhevskii Institute of Physical Chemistry,
USSR Academy of Sciences), The use of heavy oxygen for studying the mechanism of the oxidation catalyst, 1173-5

Akademiya Nauk, S.S.S R., Doklady Vol. 78, No. 6

LOBAYEV, Boris Nikitich; RAL'CHUK, Nikolay Trofimovich; TUROVSKIY, B.
redaktor; YUNOVSKIY, Ye., tekhnicheskiiy redaktor.

[Hot-water and steam heating of houses and public buildings].
Otoplenie zhilykh i obshchestvennykh zdaniy peregretoi vodoi i
parom. Kiev, Izd-vo Akad,arkhitektury Ukrainskoi SSR, 1955. 97 p;
(Hot-water heating) (Steam--heating) (MLRA 8:8)

Microfilm frame containing a document page. The page is titled "STANDARDIZATION OF REFRACTORY" and includes a reference to "Standardization, 1937, 22 20 (in RUS)". The page is surrounded by a perforated border with labels such as "AUTHOR INDEX", "SUBJECT INDEX", "SERIALS INDEX", and "COMMONS INDEX".

STANDARDIZATION OF REFRACTORY
Standardization, 1937, 22 20 (in RUS)

BIGEYEV, A.M.; NIKULIN, Yu.P.; TUROVSKIY, B.G.; TORCHINSKIY, M.A.

Removal of liquid slag from open-hearth furnaces by the drawing-off
method. Izv. vys. ucheb. zav.; chern. met. 7 no.10:45-48 '64.
(MIRA 17:11)

1. Magnitogorskiy gornometallurgicheskiy institut.

ТЕМАТИКА
DESHKIN, V.N., kand.tekhn.nauk.; TUROVSKIY, A.P., kand.tekhn.nauk.

Evaluating the efficiency of steam washing apparatus.

Energomashinostroyeniye 3 no.12:21-24 D '57.

(MIRA 11:1)

(Boilers)

1. The first part of the document is a list of names and titles of the participants in the meeting. The names are written in Cyrillic script. The titles are written in English. The list is as follows:

- 1. Mr. [Name] - [Title]
- 2. Mr. [Name] - [Title]
- 3. Mr. [Name] - [Title]
- 4. Mr. [Name] - [Title]
- 5. Mr. [Name] - [Title]
- 6. Mr. [Name] - [Title]
- 7. Mr. [Name] - [Title]
- 8. Mr. [Name] - [Title]
- 9. Mr. [Name] - [Title]
- 10. Mr. [Name] - [Title]

- 1. [Topic]
- 2. [Topic]
- 3. [Topic]
- 4. [Topic]
- 5. [Topic]
- 6. [Topic]
- 7. [Topic]
- 8. [Topic]
- 9. [Topic]
- 10. [Topic]

ZENKRVISH, Yu.V., kandidat tekhnicheskikh nauk; TUROVSKIY, A.P., kandidat tekhnicheskikh nauk.

Some basic factors bearing on the effectiveness of steam washing to remove silicic acid. Energomashinostroenie no.10:18-21 0 '56.

(MIRA 10:1)

(Steam) (Silicic acid)

TUROVSKIY, B.

SLOBODYANNIK, I.Ya., kandidat tekhnicheskikh nauk; TUROVSKIY, B., redaktor;
GARSHANOV, A., tekhnicheskiiy redaktor

[Obtaining hydraulic data from filter press silt] Poluchenie
gidravlicheskoj izvesti iz fil'trpressnoi griazi. Kiev, Izd-vo
Akademii arkhitektury USSR, 1951. 21 p. [Microfilm] (MLBA 10:2)
(Filter presses)

TUROVSKIY, B., redaktor; IOAKIMIS, A., tekhnicheskiy redaktor

[Equipment for erecting precast reinforced concrete structures]
Prisposobleniia dlia montazha sbornykh zhelezobetonnykh konstruktsii.
Kiev, Gos. izd-vo lit-ry po stroit i arkhitekture USSR, 1956. 133 p.

(MLRA 10:3)

1. Kharkov. Yuzhnyy nauchno-issledovatel'skiy institut po
stroitel'stvu.

(Precast concrete construction)

CHECHIK, Aron Abramovich, kand. tekhn. nauk,; TUROVSKIY, B., red.; ZELENKOVA,
Ye., tekhn. red.

[Handbook for bricklayers] Pamiatka kamenshchika. Izd. 2., 1spr.
i dop. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekt. USSR, 1958. 129 p.
(MIRA 11:11)

(Bricklaying)

FEDOROV, Aleksandr Fedorovich; TUROVSKIY, B., red.; ZELENKOVA, Ye.,
tekhn.red.

[Technical progress in housing construction] Puti tekhnicheskogo
progressa v zhilishchnom stroitel'stve. Kiev, Gos.izd-vo lit-ry
po stroit. i arkhitekt. USSR, 1958. 62 p. (MIRA 12:7)
(Building)

Turovskiy, B.

SHEVCHENKO, Vladimir Avtonomovich, kand.tekhn.nauk; TUROVSKIY, B., red.;
ZELENKOVA, Ye., tekhn.red.

[Carpenter's manual] Pamiatka stoliara-stroitelia. Izd.2., dop.
i perer. Kiev, Gos.izd-vo lit-ry po stroit. i arkhitekt. USSR, 1958.
322 p. (MIRA 11:6)
(Carpentry)

ТУРОВСКИЙ, Б.

SHELUD'KO, Ivan Mikhaylovich; LABUTIN, Aleksandr Alekseyevich;
SHCHEKINA, Galina Afanas'yevna; TUROVSKIY, B. redaktor;
ZELINKOVA, Ye. tekhnicheskiiy redaktor

[Heat power engineering equipment for machine-tractor stations]

Teploenergeticheskoe oborudovanie MTS; spravochnoe posobie.

Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1956.

202 p.

(MLRA 10:4)

(Heat engines) (Machine-tractor stations)

TUROVSKIY, B.
NAZDATNIY, Semen Mikhsylovich; DMITRIYEV, K., spetsredaktor; TUROVSKIY, B.,
redaktor; ZAVADSKIY, B., tekhnicheskii redaktor

[For gas distribution engineers] Stroiteliu o gazosnabzhenii.
Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekt. USSR, 1957. 157 p.
(Gas distribution) (MIRA 10:7)

IVANOVA, A.D.; MALOZEMOV, I.I., arkhitekto~~r~~r-daktor; TUROVSKIY, B., redaktor;
GARSHANOV, A., tekhnichesk~~i~~iy redaktor.

[City districts with privately-owned dwellings] Gorodskie raiony
usadobnoi zastroiki. Pod red. I.I.Malozemova. Kiev, Izd-vo Akad.
arkhit. USSR, 1952. 81 p. [Microfilm] (MLRA 8:2)
(Ukraine--Dwellings) (Ukraine--City planning)

TAIROV, V.D., kandidat tekhnicheskikh nauk; ULITSKIY, I.I., kandidat
tekhnicheskikh nauk, redaktor; TUROVSKIY, B., redaktor;
SELENKOVA, Ye., tekhnicheskii redaktor

[Planning structural panels for two- and three-story dwellings]
Porektirovaniye panel'nykh konstrukttsii maloetazhnykh zhilykh
zdaniy. Pod red. I.I.Ulitskogo. Kiev, Izd-vo Akademii arkhitektury
Ukrainskoi SSR, 1953. 74 p. [Microfilm] (MIRA 7:10)
(Buildings, Prefabricated)

TUROVSKIY, B.

KORNILOVICH, Yuriy Yevgen'yevich; VERZHBITSKAYA, Mariya Georgiyevna;
PASHKOV, Igor' Aleksandrovich; TUROVSKIY, B., redaktor; ZELE-
KOVA, Ye., tekhnicheskij redaktor.

[Making cement from local raw materials; properties, manufacture
and use of cements made from tripoli earth of the Ukrainian S.S.R.]
Proizvodstvo tsementov iz mestnogo syr'ia; svoistva, proizvodstvo,
primeneniye tsementov iz trepelovidnykh porod Ukrainsskoi SSR. Kiev,
Izd-vo Akademii arkhitektury Ukrainsskoi SSR, 1954. 84 p. (MLRA 8:2)
(Ukraine--Cement)

AL'PEROVICH, Semen Zinov'yevich, kand.tekhn.nauk; TUROVSKIY, B., red.;
ZELENKOVA, Ye., tekhn.red.

[Reinforcement fitter's handbook] Pamiatka armaturshchika.
Izd.2., dop. Kiev, Gos. izd-vo lit-ry po stoit. i arkhitekt.
USSR, 1958. 139 p. (MIRA 11:12)
(Reinforced concrete)

DEKHTYAR, Samuil Bentsionovich, inzh.; MAYBORODA, Ivan Nikolayevich, inzh.;
MEDVEDEV, Mikhail Ivanovich, inzh.; ROKHLIN, Il'ya Aleksandrovich,
kand.tekhn.nauk; KHUTORIANSKIY, Mikhail Semenovich, kand.tekhn.nauk;
TUROVSKIY, B., red.; ZELENKOVA, Ye., tekhn.red.

[Useful ceramic construction elements] Effektivnye konstruksii
iz keramiki. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekt. USSR,
1958. 355 p. (MIRA 12:2)

(Ceramics)

OSADCHUK, Yakov Erastovich; TUROVSKIY, B. redaktor; ZELENKOVA, Ye.,
tekhnicheskiiy redaktor.

[Porous gypsum materials] Poristye gipsovye materialy. 2-e izd.
Kiev, Izd-vo Akademii arkhitektury Ukrainskoi SSR, 1955. 41 p.
(Gypsum)

SENCHENOK, N.M., kand. tekhn. nauk, dots.; LOBAYEV, B.N., doktor
- tekhn.nauk, prof., red.; TUROVSKIY, B., red.; GARSHANOV, A., tekhn. red.

[Causes of dampness in buildings and how to control it]
Istochniki syroosti v zdaniakh i bor'ba s nei. Kiev, Izd-vo
Akad. arkhitektury USSR, 1951. 345 p. (MIRA 16:8)

1. Deystvitel'nyy chlen Akademii arkhitektury Ukr.SSR (for
Lobayev).

(Dampness in buildings)

AGAFONOV, Yu.P.; STARINKEVICH, A.K., inzhener, redaktor; TUROVSKIY,
B.I., redaktor

[City underground systems; their location] Gorodskie podzemnye
seti; metody razmeshcheniia. Pod red. A.K.Starinkevicha. Kiev,
Izd-vo Akademii arkhitektury USSR, 1949. 127 p. (MLRA 7:10)
(Municipal engineering)

TUROVSKIY, R.I., podpolkovnik meditsinskoy sluzhby

Mechanization of hospital transportation of stretcher patients
in field conditions. Voen.-med. zhur. no.3:23-24 Mr '60.
(MIRA 14:1)

(TRANSPORT OF SICK AND WOUNDED)

KHATSET, I.E.; BENNER, D.P.; BURSHTKYN, I.M.; TUROVSKIY, B.I., red.;
NEMCHENKO, I.Ye., tekhn.red.

[Rights and duties of people building their own dwellings]
Prava i obiazannosti individual'nykh zastroishchikov. Kiev,
Gos.izd-vo lit-ry po stroit. i arkhit.USSR, 1958. 158 p.
(MIRA 12:8)

1. Konsul'tatsionnoye byuro Prezidiuma Kiyevskoy oblastnoy
kollegii advokotov (for Khatset, Burshteyn). 2. Glavnyy arbitr
Ministerstva stroitel'stva Ukrainskoy SSR (for Benner).
(Building--Contracts and specifications)

TUROVSKIY, B.I., inzh.

Studying the feeding chains of corn harvesting combines. Trakt. i sel'khoz-
mash. no.7:32-34 J1 '65. (MIRA 18:7)

TUROVSKIY, B.M.

Formation of dislocations in synthetic silicon single crystals
originally showing no dislocations. Kristallografiia 9 no.4:
568 J1-Ag '64. (MIRA 17:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
redkometallicheskoj promyshlennosti.

TURDVSKIY, B. M., Cand Tech Sci — (diss) "The effect of carbon and silicon on the viscosity and electrical properties of liquid iron-carbon, iron-silicon and iron-carbon-silicon alloys," Moscow, 1960, 16 pp, 150 cop. (Moscow Institute of Steel im I. V. Stalin) (KL, 45-60, 126)

18.3200, 18.8100

77681

SOV/148-60-1-4/34

AUTHORS: Turovskiy, B. M., and Lyubimov, A. P.

TITLE: Viscosity and Electrical Resistance of Liquid Alloys of Iron-Silicon System

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Chernaya metallurgiya, 1960, Nr 1, pp 24-27 (USSR)

ABSTRACT: This article gives the results of measuring the viscosity and electrical resistance of liquid alloys of the Fe-Si system and pure liquid silicon. The authors used a method of measuring the kinematic viscosity and electrical conductivity, which gave the means to determine the values of these quantities in the process of one experiment. The kinematic viscosity was calculated on the basis of experimentally determined logarithmic decrement of damped free torsion fluctuations of cylindrical crucible with liquid alloy. The electrical conductivity was calculated by the value of the stationary angle of torsion of a sample in a rotating magnetic field.

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The development of the method was connected with a number of difficulties in carrying the experiment at elevated temperatures at which the chemical activity of alloy's components is especially high. For protection of the alloys from oxidation, helium was continuously passed through the furnace. The experiments were conducted at 1,420-1,620° C temperature range. The alloys were prepared from the electrolytic iron and technically pure silicon (approximately 99.9%) re-melted in a vacuum. The selected measure of relative electrical resistance was $\rho' =$

$$= \frac{10h}{\alpha - \alpha_0} \quad (h = \text{height of sample in liquid state;}$$

α = torsion angle of suspended system with liquid alloy; α_0 = torsion angle of suspension system

proper. The data of spectral analysis showing silicon content in the melts are given in the table.

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Nr. of Alloy	0	1	2	3	4	5	6	7	8
Content Si, % (weight)	Pure Iron	10,0	20,0	24,0	31,6	43,2	54,0	67,0	Pure Silicon
Content Si, % (at)	Pure Iron	18,11	33,11	38,59	47,89	60,26	70,04	80,15	Pure Silicon

The experimental results are given in Fig. 1, 2, 3, and 4. The results of the above experiments are in good agreement with published French and German data. They confirm the existence of a relation between the shape of isothermal curves of viscosity and the electrical resistance of liquid alloys, the state diagram, and the degree of system's deviation from ideal. There

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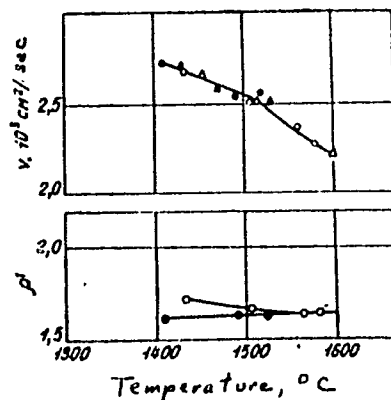
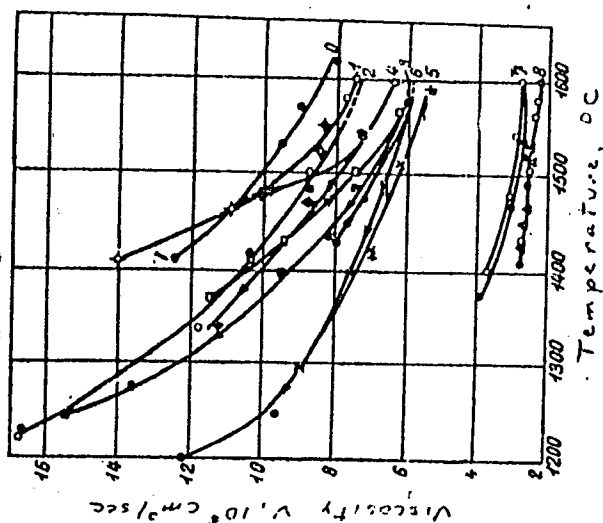


Fig. 1. Temperature relationship between viscosity and relative electrical resistance of liquid silicon: Experiment 1; (Δ) heating; ($\blacktriangle$) cooling; Experiment 2: ($\circ$) heating; ($\bullet$) cooling.

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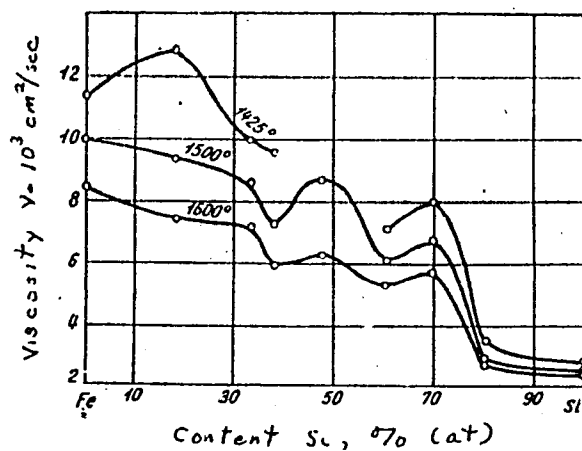


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Fig. 2. Temperature relationship of viscosity of liquid alloys of Fe-Si system. The numbers of curves correspond to various alloys' compositions, silicon content of which is given in the table.

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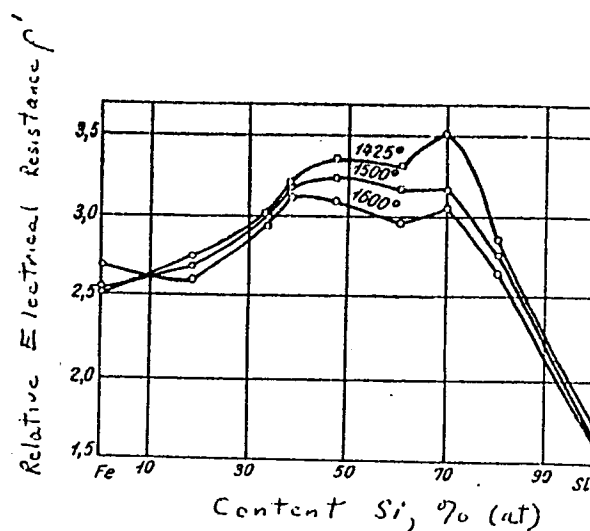
77681, SOV/148-60-1-4/34



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Fig. 3. Isothermal curves of viscosity of liquid alloys of Fe-Si system.

77681, 50V/148-60-1-4/34



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Fig. 4. Isothermal curves of relative electrical resistance of liquid alloys of Fe-Si system.

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are 4 figures; 1 table; and 5 references, 2 Soviet, 1
French, 2 German.

ASSOCIATION: Moscow Steel Institute (Moskovskiy institut stali)

SUBMITTED: December 15, 1958

Card 8/8

S/180/60/000/006/023/030
E111/E335

AUTHORS: Vertman, A.A., Samarin, A.M. and Turovskiy, B.M.
TITLE: Structure of Liquid Alloys of the (Moscow,
Iron-carbon System

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye
tekhnicheskikh nauk, Metallurgiya i toplivo,
1960, No. 6, pp. 123 - 129

TEXT: The authors point out that in spite of their technical importance, views of liquid structures in the iron-carbon system are incomplete and contradictory. They now discuss thermodynamic data in relation to the structurally sensitive properties of iron-carbon alloys. Many investigations (Refs. 4-7) agree well and indicate considerable deviations from ideality. These can be due to heat of solution or entropy of mixing factors but thermodynamic data are insufficient for a detailed picture of the melts. If graphite is taken as the standard state (the possibility of iron solution in it must be recognised, Ref. 8), compounds which are mutually soluble are assumed to be formed (Ref. 9). If the standard state is

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S/180/60/000/006/023/030
E111/E335

Structure of Liquid Alloys of the Iron-carbon System

carbon-saturated iron negative deviations prevail at all concentrations. The authors consider that data are now available on which the alloys' structure can be explained more definitely. The results of Bunin (Ref. 10) and Konobeyevskiy (Ref. 8) suggest that relatively large groupings of graphite exist in liquid iron-carbon. This idea receives further confirmation from the work of Ivanov (Ref. 11) and of Khrapov and Chernobrovkin (Ref. 12). It appears (Refs. 15-17) that these eutectic colonies consist of thousands of atoms and the carbon formations have, in liquid cast iron, a diameter of the order of 10^{-6} cm (Ref. 18). In fact the colloidal view (Ref. 19) of liquid alloys is in line with experimental observations (Refs. 20, 21 or 22, 23, shown in Fig. 1, or Refs. 24, 25). Fig. 2 shows plots of resistivity of Fe-C alloys versus temperature at various carbon contents (0 - 5.25%). Viscosity results (Refs. 24, 25) provide further support (Fig. 3 shows the free-energy of viscous flow as a

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Structure of Liquid Alloys of the Iron-carbon System

function of carbon content in atomic %). So do magnetic-susceptibility measurements (Ref. 28) (Fig. 4 shows the 1550 and 1700 °C isotherms of susceptibility vs carbon content). Discussing the experimental evidence the authors conclude that at over 2.0% C from the melting point to 1700 °C Fe-C alloys are colloidal solutions and thermodynamic data on them cannot be extrapolated outside these concentrations. Thermodynamic investigations in which a tendency to immiscibility in Fe-C alloys was noted are supported by the physical-property studies considered. Of the authors, Vertman and Samarin have made previous contributions in this field (Refs. 16, 17, 18, 28). There are 4 figures and 29 references: 23 Soviet and 6 non-Soviet. ✓

SUBMITTED: August 26, 1960

card 3/3

14
Samarin, A. V. ed. *Thermal engineering. Volume of sciences* (1964)

Class. presentation
t. 2., Moscow, Izd-vo "Metallurgiya", 1964. 1039 p illus., biblioc.,
tables. errata slip inserted. 100 copies printed.

Part 2. Thermal engineering

Ch. XV. Fuel and its combustion in an open-hearth furnace (N. I.
Ivanov) -- 535

Ch. XVI. Mechanics of furnace gases in open-hearth furnaces (I. M.

TUROVSKIY, B.M.; LYUBIMOV, A.I.

Effect of modification on the toughness of cast iron. Izv. vys.
ucheb. zav.; chern. met. no.9:5-7 '60. (MIRA 13:11)

1. Moskovskiy institut stali.
(Cast iron--Metallurgy)

18.9500

26648
S/070/61/006/005/006/011
E132/E560

AUTHORS: Turovskiy, B.M. and Mil'vidskiy, M.G.
TITLE: Making a model of the mixing of a melt when growing crystals by Czochralski's method
PERIODICAL: Kristallografiya, 1961, Vol.6, No.5, pp.759-762
TEXT: The movement of liquids having different kinematic viscosities when the crystal and the crucible are rotated has been studied by making a model of the process. On simultaneous rotation of the crystal and the crucible mixing proceeds because of the action of the rotating crystal. It is suggested that the spiral current lines formed by impurities in the melt are the origin of spiral non-uniformities in transverse sections of the crystal. The crystal and the crucible were rotated in opposite directions and water, glycerine and mixtures of water, glycerine and methyl alcohol were used to simulate the melt. The absolute velocity of rotation of the crucible relative to its surroundings is important because it affects the circulation of impurities differing in density from the melt. Picking up impurities from the bottom of the crucible begins at a definite
Card 1/2

Making a model of the mixing ...

26608
S/070/61/006/005/006/011
E152/E560

speed of rotation of the crystal and depends on the diameter of the latter, on the level of liquid in the crucible and on the kinematic viscosity when the crystal only is rotated. When the crucible is rotated stirring of the liquid is much less and impurities are not picked up. Acknowledgments are expressed to T. T. Shestakovaya and I. D. Klishin for their assistance. There are 4 figures, 1 table and 4 references: 2 Soviet and 2 non-Soviet. The English-language references read as follows:
Ref.1: A. J. Goss, R. E. Adlington. Marconi Review, 22, 132, 1959;
Ref.4: P. R. Camp. J. Appl. Phys., 25, 4, 1954.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i
proyektnyy institut redkometallichesko
promyshlennosti
(State Scientific Research and Design Institute
for the Rare Metal Industry)

SUBMITTED: December 15, 1960

Card 2/2

ACC NR: AP7002394

SOURCE CODE: UR/0363/66/002/012/2089/2095

AUTHOR: Turovskiy, B. M.; Nikitin, V. M.

ORG: Giredmet

TITLE: Method of calculating the distribution of resistivity along the length of crystals during the joint migration of donor and acceptor impurities into semiconductor crystals grown by Czochralski's method

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 12, 1966, 2089-2095

TOPIC TAGS: semiconductor crystal, resistivity, phosphorus, boron, silicon single crystal

ABSTRACT: The concept of the apparent distribution coefficient K_p is used to analyze the distribution of resistivity in silicon crystals grown by Czochralski's method, taking the concentration of impurities of opposite conductivity types into account. For the case of doping of silicon with phosphorus and boron or phosphorus and aluminum values of the quantity $m = c_{\text{donor}}/c_{\text{acceptor}}$ (measure of the degree of compensation) were measured at which the joint migration of various types of impurities into the crystal has practically no effect on the distribution of the resistivity along the length of the ingot. K_p was found to change with the growth of the compensated and slightly doped silicon single crystals. In particular, the decrease of K_p suggests

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UDC: 537.311.33

ACC NR: AP7002394

that the main compensating impurity in these crystals is Al, which causes the apparent distribution coefficient of the donor impurity (phosphorus) to decrease. Orig. art. has: 2 figures, 4 tables and 8 formulas.

SUB CODE: 20/ SUBM DATE: 27Oct65/ ORIG REF: 004/ OTH REF: 003

Card 2/2

ACCESSION NR: AP4043194

S/0070/64/009/004/0568/0568

AUTHOR: Turovskiy, B. M.

TITLE: Formation of dislocations in silicon single crystals originally without dislocations

SOURCE: Kristallografiya, v. 9, no. 4, 1964, 568

TOPIC TAGS: silicon single crystal, single crystal growth, Czochralski method, dislocation free crystal, dislocation slip band, dislocation detection

ABSTRACT: Dislocations have been detected in silicon single crystals of large diameter (~35 mm) as a result of a change in thermal conditions during crystal growth by the method of Czochralski. It was shown that dislocations appeared each time the crystallization front changed from slightly convex to concave towards the melt and in certain other cases. The chemical etch figures indicated that the first dislocation slip bands are formed on the surface of an originally dislocation-free growing crystal, and spread inwards along the (111) slip planes. Orig. art. has: 3 figures.

Card 1/2

ACCESSION NR: AP4043194

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut redkometallicheskey promyshlennosti (State Design and
Planning Scientific Research Institute of the Rare Metals Industry)

SUBMITTED: 31Aug63

ATD PRESS: 3079

ENCL: 00

SUB CODE: SS, IC

NO REF SOV: 000

OTHER: 002

Card 2/2

ACCESSION NO: AP4012279

S/0070/64/009/001/0092/0097

AUTHORS: Turovskiy, B. M.; Layner, L. V.

TITLE: Formation and structure of 90 degree twins in single crystals of silicon grown by the Czochralski method

SOURCE: Kristallografiya, v. 9, no. 1, 1964, 92-97

TOPIC TAGS: silicon crystal, twin crystal, 90 degree twin crystal, crystal structure, Czochralski method

ABSTRACT: The formation of 90-degree twins takes place by deviation of the growth direction from the $[111]$ axis and is due to asymmetry in the thermal field or to disorientation of the seed crystal, or to a combination of these two factors. The transition from clear faces to indistinct faces during twin growth is accompanied by the formation of twin laminae of adjustment. Etch tests show that a zone with dendritic structure occurs immediately next the face of a 90-degree twin. X-ray studies indicate no deviation from monocrystalline structure, however. The most likely cause of the dendritic structure is local super-cooling, which may occur in the Czochralski method because of asymmetry in the thermal field (which is one of

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ACCESSION NO: AP4012279

the causes for development of the 90-degree twin growth). Orig. art. has: 8 figures.

ASSOCIATION: Nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskey promyshlennosti (Scientific Research and Planning Institute of the Rare Metal Industry)

SUBMITTED: 14Feb63

DATE ACQ: 19Feb64

ENCL: 00

SUB CODE: PH

NO REF SOV: 003

OTHER: 002

Card 2/2

L 18569-63 EWT(1)/EWP(q)/EWT(m)/BDS AFFTC/ASD/ESD-3/IJP(C) JD/JG
ACCESSION NR: AP3001308 S/0181/63/005/006/1750/1753 63
61

AUTHOR: Turovskiy, B. M.

TITLE: Forms of crystallizing fronts in single crystals of silica by selective etching

SOURCE: Fizika tverdogo tela, v. 5, no. 6, 1963, 1750-1753

TOPIC TAGS: crystallization, front, crystal, silica, etching, selective, conduction, band, hole, n-type, p-type, semiconductor, impurity, B, Al, anode, donor

ABSTRACT: While performing anode etching to discover the shape of the crystallizing front and the changes in shape along the length of the crystal, it was discovered that during selective etching of single crystals of n-type silica the growth of the conduction band is clearly defined but that the case is quite different for p-type silica. Growth bands do not appear with any clearness in this type of crystal. This peculiarity is shown to be due to the specific effect of impurities that appear during growth of the crystal. During selective etching of p-type crystals, growth and the corresponding crystallizing front appear only

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ACCESSION NR: AP3001308

on transverse sections of crystals alloyed with Al. Selective etching of single crystals of silica is thus controlled by the specific distribution of impurities along the length of the crystals, and it depends on the nature of alloying admixtures that appear during ejection of these impurities in the process of directional crystallization. Selective etching of p-type silica will also take place when boron and a relatively large quantity of donor impurities are present, unevenly distributed along the length of the crystal. Consequently, the shape of the crystallizing front in longitudinal sections of p-type crystals of silica is manifested by selective etching only when the ratio of impurity concentrations (in melt and in crystal) is less than one, particularly when these impurities are Al or compensating donors. Orig. art. has: 1 figure and 3 formulas.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskey promyshlennosti, Moscow (State Scientific Research and Planning Institute for the Rare-Metal Industry)

SUBMITTED: 15Feb63

DATE ACQ: 01Jul63

ENCL: 00

SUB CODE: PH

NO REF SOV: 006

OTHER: 005

Card 2/2